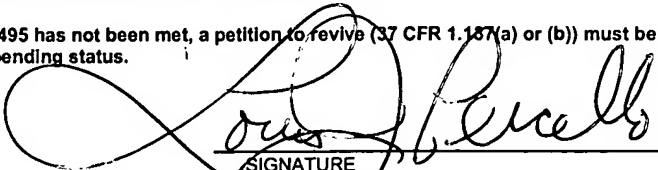


Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER <b>JP920020083US1</b> U.S. APPLICATION NO. If known, use 37 CFR 1.5) <b>107511466</b>
INTERNATIONAL APPLICATION NO. JP03/05482	INTERNATIONAL FILING DATE April 28, 2003	PRIORITY DATE CLAIMED April 30, 2002
TITLE OF INVENTION <b>Encrypted Communication System, Key Delivery Server Thereof, Terminal Device and Key Sharing Method</b>		
APPLICANT(S) FOR DO/EO/US <b>Yuji Watanabe, Masayuki Numao</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.  2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.  3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.  4. <input type="checkbox"/> The US has been elected (Article 31).  5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).  6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).  7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input checked="" type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made.  8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).  9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).  10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).  <b>Items 11 to 20 below concern document(s) or information included:</b>  11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.  12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.  13. <input type="checkbox"/> A preliminary amendment.  14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.  15. <input type="checkbox"/> A substitute specification.  16. <input type="checkbox"/> A power of attorney and/or change of address letter.  17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.  18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).  19. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).  20. <input type="checkbox"/> Other items or information:		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>U.S. APPLICATION NO. (if known, see 37 CFR 1.5)</b> <b>10/511466</b>		<b>INTERNATIONAL APPLICATION NO.</b> JP03/05482		<b>ATTORNEY'S DOCKET NUMBER</b> JP920020083US1	
21. <input checked="" type="checkbox"/> The following fees are submitted: <b>BASIC NATIONAL FEE (CFR 1.492(a)(1)-(5)):</b> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO..... <b>\$1080.00</b> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... <b>\$920.00</b> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... <b>\$770.00</b> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... <b>\$730.00</b> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... <b>\$100.00</b> <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>				<b>CALCULATIONS      PTO USE ONLY</b>	
				<b>\$ 1080</b>	<b>00</b>
Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
<b>CLAIMS</b>	<b>NUMBER FILED</b>	<b>NUMBER EXTRA</b>	<b>RATE</b>	\$	
Total claims	14      - 20 =	0	X    \$18.00	\$ 0	
Independent claims	8      - 3 =	5	X    \$86.00	\$ 430.	00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+    \$290.00	\$ 0	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	
<b>SUBTOTAL =</b>				\$ 0	
Processing fee of <b>\$130.00</b> for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
<b>TOTAL NATIONAL FEE =</b>				\$	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property				\$ 40	00
<b>TOTAL FEES ENCLOSED =</b>				\$ 1550	00
				Amount to be refunded:	\$
				Amount to be charged:	\$
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed. b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>09-0468</u> in the amount of \$ <u>1550.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>09-0468</u> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
<b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.157(a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO: Louis J. Percello IBM Corporation Intellectual Property Law Dept. P.O. Box 218 Yorktown Heights, NY 10598					
 SIGNATURE Louis J. Percello NAME				33,206 REGISTRATION NUMBER	

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

DTOS Rec'd PCT/PTO 15 OCT 2004

In re application of: Watanabe, et al.

Docket No.: JP920020083US1

Serial No.: Not yet assigned

Group Art Unit: Not yet assigned

Filed: Herewith

Examiner: No yet assigned

Date: Herewith

For: ENCRYPTED COMMUNICATION SYSTEM, KEY DELIVERY SERVER  
THEREOF, TERMINAL DEVICE AND KEY SHARING METHODMail Stop PCT  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## EXPRESS MAIL CERTIFICATE

Express Mail Label Number EV091801525USDate of Deposit October 15, 2004

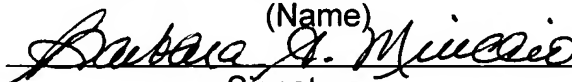
I hereby certify that the attached paper or fee:

1. Transmittal Letter to the United States Designated-Elected Office (DO/EO/US)  
Concerning a Filing Under 35 USC 371
2. Patent Application as filed in PCT Office
3. Formal Drawings (7) sheets
4. Recordation Form Cover Sheet and Assignment
5. Declaration and Power of Attorney
6. A Power of Attorney
7. PCT Publication WO 03/094422 A1
8. Information Disclosure Statement w/ references and Transmittal Letter
9. Return Postcard

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Barbara A. Miuccio

(Name)



Signature

**Note:** Each paper must have its own certificate and the "Express Mail" label number as a part thereof or attached thereto. When, as here, the certification is presented on a separate sheet, that sheet must (1) be signed and (2) fully identify and be securely attached to the paper or fee it accompanies. Identification should include the serial number and filing date of the application as well as the type of paper being filed, e.g. complete application, specification and drawings, responses to rejection or refusal, notice of appeal, etc. If the serial number of the application is not known, the identification should include at least the name of the inventor(s) and the title of the invention.

**Note:** The label number need not be placed on each page. It should, however, be placed on the first page of each separate document, such as, a new application, amendment, assignment, and transmittal letter for a fee, along with the certificate of mailing by "Express Mail". Although the label number may be on checks, such a practice is not required. In order not to deface formal drawings it is suggested that the label number be placed on the back of each formal drawing or the drawings be accompanied by a set of informal drawings on which the label number is placed.

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Watanabe, et al.

Docket No.: JP920020083US1

Serial No.: Not yet assigned

Group Art Unit:

Filed: Herewith

Examiner:

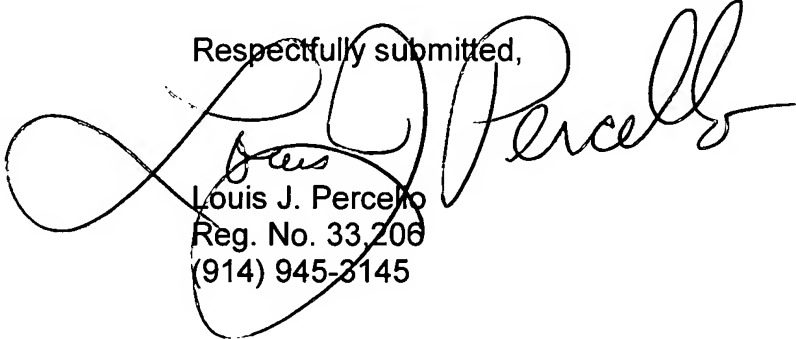
Date: Herewith

For: ENCRYPTED COMMUNICATION SYSTEM, KEY DELIVERY SERVER  
THEREOF, TERMINAL DEVICE AND KEY SHARING METHODMail Stop PCT  
Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450TRANSMITTAL LETTER

Sir:

Please find enclosed a listing (PTO Form 1449) of references which may be relevant to the above-referenced application. This listing of references is not a representation that a search has been made, that better references than listed do not exist, or that other references are not applicable. Moreover, this listing does not constitute any admission by applicants or applicants' representative that the information provided herein is necessarily prior art to applicants' invention. Please charge any fee necessary to enter this paper to deposit account 09-0468.

Respectfully submitted,

  
Louis J. Percello  
Reg. No. 33,206  
(914) 945-3145IBM Corporation  
Intellectual Property Law Dept.  
P.O. Box 218  
Yorktown Heights, New York 10598

DT07 Rec'd PCT/PTO 1 5 OCT 2004  
PLEASE STAMP AND RETURN TO US

(14)

Filing: Transmittal Letter to the United States Designated  
-Elected Office, Patent Application, Formal Drawings (7 sheets)  
Recordation Form Cover Sheet and Assignment, Declaration  
and Power of Attorney, A Power of Attorney, Information  
Disclosure Statement with references and Transmittal Letter,  
PCT Publication, and Express Mail Certificate.  
Express Mail Label No.: EV091801525US  
Date of Deposit: October 15, 2004

Re: Application of Watanabe et al. Attorney: LJP  
For: Encrypted Communication System, Key Delivery Server  
Thereof, Terminal Device and Key Sharing Method  
Serial No.: Herewith Docket No.: JP920020083US1

All Fees are charged to our Account No. 09-0468

10/511466